RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/570,047
Source: IFWP
Date Processed by STIC: 3-8-06

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IEWP

RAW SEQUENCE LISTING   DATE: 03/08/2006
PATENT APPLICATION: US/10/570,047   TIME: 13:21:03

    Input Set : A:\39363a.txt
    Output Set: N:\CRF4\03072006\J570047.raw

 3 <110> APPLICANT: Jessberger, et al.
 5 <120> TITLE OF INVENTION: METHODS FOR IDENTIFYING, TREATING, AND INDUCING INFERTILITY USING
 6   SMC1 BETA
 8 <130> FILE REFERENCE: 29636/39363A
-> 10 <140> CURRENT APPLICATION NUMBER: US/10/570,047
-> 10 <141> CURRENT FILING DATE: 2006-02-28
 10 <150> PRIOR APPLICATION NUMBER: US 60/499,317
 11 <151> PRIOR FILING DATE: 2003-08-29
 13 <160> NUMBER OF SEQ ID NOS: 13
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 4056
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Mus musculus
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184 65              70              75              80
187 Thr Ile Ile Tyr Ile Glu Asp Ser Gly Glu Glu Lys Thr Phe Thr Arg
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212         180             185             190
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219 Tyr Gln Asn Leu Leu Glu Glu Leu Lys Ile Asn Lys Ile Gln Leu Met
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223 Leu Phe Gln Leu Tyr Tyr Asn Glu Glu Lys Ile Asn Val Leu Asn Thr
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232         260             265             270
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240         290             295             300
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256         355             360             365
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264 385             390             395             400
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288             485           490           495
291 Gln Gln Lys Arg Ala Glu Val Leu Glu His Leu Lys Arg Leu Tyr Pro
292         500           505           510
295 Asp Ser Val Phe Gly Arg Leu Leu Asp Leu Cys His Pro Ile His Lys
296     515           520           525
299 Lys Tyr Gln Leu Ala Val Thr Lys Leu Phe Gly Arg Tyr Met Val Ala
300     530           535           540
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307 Lys Ala Glu Arg Ala Glu Pro Glu Thr Phe Leu Ala Leu Asp Tyr Leu
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312         580           585           590
315 Met Met Ile Asp Val Ile Lys Thr Gln Phe Pro Gln Leu Lys Lys Val
316     595           600           605
319 Ile Gln Phe Val Cys Gly Asn Gly Leu Val Cys Glu Thr Val Glu Glu
320     610           615           620
323 Ala Arg His Ile Ala Phe Gly Gly Pro Glu Arg Arg Lys Ala Val Ala
324 625           630           635           640
327 Leu Asp Gly Thr Leu Phe Leu Lys Ser Gly Val Ile Ser Gly Gly Ser
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335 Asn Leu Arg Asp Lys Arg Ser Gln Leu Val Gln Glu Leu Lys Glu Leu
336     675           680           685
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340     690           695           700
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344 705           710           715           720
347 Met Ile Lys Lys Lys His Leu Ala Thr Phe Tyr Arg Glu Gln Ser Gln
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351 Leu Gln Ser Glu Leu Leu Asn Ile Asp Ser Gln Cys Thr Met Leu Ser
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356         755           760           765
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384 865             870             875             880
387 Ser Ser Asn Ile Glu Lys Ile His Ile Gln Ile Glu Glu Glu Arg Lys
388             885             890             895
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407 Thr Gln Ala Thr Ala Asp Ile Tyr Glu Lys Glu Ala Ser Ile Gln Ile
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424     1025            1030            1035
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428     1040            1045            1050
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439 Cys Arg  Asn Asn Ser Ala Gln  Ala Phe Leu Ser Pro  Glu Asn Pro
440     1085            1090            1095
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444     1100            1105            1110
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452     1130            1135            1140
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PATENT APPLICATION: **US/10/570,047**   TIME: 13:21:04

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ɔase Note:
ɔ of n and/or Xaa have been detected in the Sequence Listing. Please review the
quence Listing to ensure that a corresponding explanation is presented in the <220>
<223> fields of each sequence which presents at least one n or Xaa.

ɪ#:9; N Pos. 108,159,178,295,333

VERIFICATION SUMMARY
PATENT APPLICATION: **US/10/570,047**

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Output Set: **N:\CRF4\03072006\J570047.raw**

10 M:270 C: Current Application Number differs, Replaced Current Application No
10 M:271 C: Current Filing Date differs, Replaced Current Filing Date
1267 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:60
341 Repeated in SeqNo=9